AMENDMENTS TO THE CLAIMS

The following is a complete, marked-up listing of revised claims with a status identifier in parenthesis, underlined text indicating insertions, and strike through and/or double-bracketed text indicating deletions.

LISTING OF CLAIMS

1. (Currently Amended)   Method for creating and managing a local network, this network comprising at least one restitution device for an encrypted data stream and a diffusion and re-encrypting device for transmitting all or part of said encrypted data to said restitution device, said devices comprising security modules, the method comprising the following steps, at an initialization stage:

connecting a master security module in one of the devices connected to the local network,

establishing a network key by the master security module, and

securely transmitting this network key to one or several user security modules attached to the devices, said devices being at least the diffusion and re-encrypting device and the restitution device,

and while receiving an encrypted data stream:

decrypting encrypted data by the diffusion and re-encrypting device,

re-encrypting of the data by said diffusion and re-encrypting device with a local key, said local key being linked with the network key,

transmitting the re-encrypted data to the restitution device, and

decrypting by said restitution device thanks to the associated user security module, which comprises disposes of means to find the local key with the network key.

2. (Original) Method for creating and managing a local network according to claim 1, wherein the local key is a randomly generated session key encrypted by the network key.

3. (Original) Method for creating and managing a local network according to claim 1, wherein the local key is the network key.

4. (Currently Amended) Method for creating and managing a local network according to claim 1, wherein the establishment of the network key is obtained by the a pseudo-random generation of a the network key during the initialization of the local network.

5. (Currently Amended) Method for creating and managing a local network according to claim 1, wherein the establishment of the network key is carried out during an initialization step of the master security module.

6. (Currently Amended) Method for creating and managing a local network according to claim 1, wherein the master security module is placed in a removable security module.

7. (Original) Method for creating and managing a local network according to claim 6, wherein said removable security module comprises a user module forming part of the network administrated by the master module.

8. (Currently Amended) Method for creating and managing a local network according to claim 1, wherein the associated user security module

ismodules are in the form of an electronic circuit mounted during the manufacture of the restitution device.

9.   (Currently Amended)   Method for creating and managing a local network according to claim 1, wherein the associated user security module is in the form of a removable security module.

10.   (Currently Amended)   Method for creating and managing a local network according to claim 1, wherein the diffusion and re-encrypting device includes a security module, called converter module, said module receives and keeps an identifier of the master security module that created the network, the converter module re-encrypting the data for said network.

11.   (Currently Amended)   Method for creating and managing a local network according to claim 10, wherein said identifier of the master security module identifier is transmitted to a management center during a connection step to said management center.